

Converting Colors

$Y_{xy}(45.9093, 0.3250, 0.3059)$

Have a look what the booklet for
Yxy(45.9093, 0.3250, 0.3059)
contains.

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Color

Yxy(45.9631, 0.3245, 0.3057)

Conversions

Conversions Part 1

Format	Color
Hex	CBACBF
RGB	203, 172, 191
RGB Percent	80%, 67%, 75%
CMY	0.2039, 0.3255, 0.2509
CMYK	0.00, 0.15, 0.06, 0.20
HSL	323°, 23%, 74%
HSV	323°, 15%, 80%
XYZ	48.7897, 45.9631, 55.6008
YIQ	183.4350, 12.3770, 12.4810

Conversions

Conversions Part 2

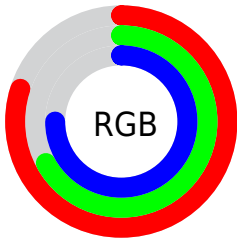
Format	Color
R _Y B	203, 172, 191
Decimal	13348031
CIE Lab	73.52, 14.48, -5.51
CIE LCh	74, 15.489, 339.156
Yxy	45.9631, 0.3245, 0.3057
Android (android.graphics.Color)	4291538111 (0xFFCBACBF)
YUV	183.4350, 3.7295, 17.1585
Hunter-Lab	67.7961, 9.8151, -1.1675

Details

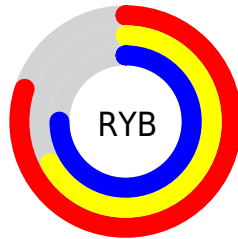
The Yxy color $45.9631, 0.3245, 0.3057$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $54.9504, 0.3025, 0.3535$, and the grayscale version is $47.5814, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.9136, 0.3191, 0.3095$, and $21.6575, 0.3276, 0.2994$ is the 20% darker color. If you saturate the color by 10%, you get $38.4824, 0.3341, 0.2897$, and if you desaturate by 10%, it is $54.6469, 0.3164, 0.3212$.

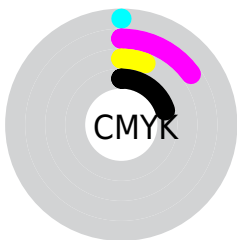
Distribution



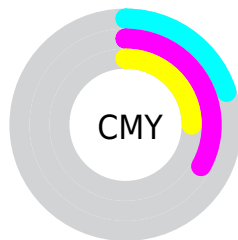
- Red (80%)
- Green (67%)
- Blue (75%)



- Red (80%)
- Yellow (67%)
- Blue (75%)



- Cyan (0%)
- Magenta (15%)
- Yellow (6%)
- Black (20%)





- Cyan (20%)
- Magenta (33%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.9631, 0.3245, 0.3057 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 45.9631, 0.3245, 0.3057 by changing the saturation by 10% instead.


 45.9631, 0.3245,
0.3057

 45.9631, 0.3245,
0.3057

370.6603, 0.3187,
0.3172

 32.2167, 0.3259,
0.3029


 84.1638, 0.3224,
0.3098

 21.5271, 0.3277,
0.2993

109.3868, 0.3216,
0.3114

 13.5098, 0.3301,
0.2946

139.2042, 0.3210,
0.3127

 7.7805, 0.3334,
0.2881

174.0004, 0.3204,
0.3139

 3.9548, 0.3382,
0.2786

214.1597, 0.3199,
0.3148

 1.6483, 0.3460,
0.2635

260.0665, 0.3194,

 0.3899, 0.3763,

0.3157

0.2027

312.1052, 0.3190,
0.3165

0.0000, 0.0000,
0.0000

45.9631, 0.3245,
0.3057

45.9631, 0.3245,
0.3057

38.4824, 0.3341,
0.2897

54.6469, 0.3164,
0.3212

32.1449, 0.3453,
0.2736

64.5779, 0.3097,
0.3358

26.8950, 0.3582,
0.2580

75.8056, 0.3041,
0.3495

22.6696, 0.3729,
0.2439

88.3748, 0.2994,
0.3621

19.3996, 0.3891,
0.2322

89.9477, 0.2951,
0.3553

■ 17.0068, 0.4063,
0.2243

■ 90.3996, 0.2909,
0.3468

■ 15.4007, 0.4240,
0.2210

■ 90.8716, 0.2868,
0.3384

■ 14.4707, 0.4414,
0.2230

■ 91.3641, 0.2828,
0.3301

■ 14.1666, 0.4496,
0.2251

■ 91.4388, 0.2822,
0.3289

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



45.9631, 0.3024, 0.2952



45.9631, 0.3245, 0.3057



45.9631, 0.3439, 0.3220

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



45.9631, 0.3245, 0.3057



45.9631, 0.3417, 0.3665



45.9631, 0.2724, 0.3151

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



45.9631, 0.3245, 0.3057



54.9504, 0.3025, 0.3535

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



45.9631, 0.2822, 0.3352



45.9631, 0.3245, 0.3057



45.9631, 0.3219, 0.3658

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



45.9631, 0.3245, 0.3057



45.9631, 0.3539, 0.3569



45.9631, 0.3001, 0.3541



45.9631, 0.2730, 0.2998

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



45.9631, 0.3245, 0.3057



45.9631, 0.3524, 0.3344



45.9631, 0.3001, 0.3541



45.9631, 0.2746, 0.3215

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



45.9651, 0.3245, 0.3057



91.8196, 0.3163, 0.3215



43.9929, 0.2981, 0.2897



19.4164, 0.3168, 0.3204



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



45.9651, 0.3245, 0.3057



73.0389, 0.3272, 0.3010



45.3221, 0.3379, 0.3246



11.3273, 0.3196, 0.3149



9.0322, 0.4474, 0.2238



0.4805, 0.4163, 0.2067

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



45.9651, 0.3245, 0.3057



73.0389, 0.3272, 0.3010



55.6320, 0.2921, 0.3335



11.3273, 0.3196, 0.3149



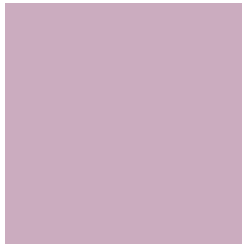
9.0322, 0.4474, 0.2238



0.4805, 0.4163, 0.2067

Previews

White Background



This preview shows how the Yxy color 45.9631, 0.3245, 0.3057 looks on a white background.

Color Contrast Check

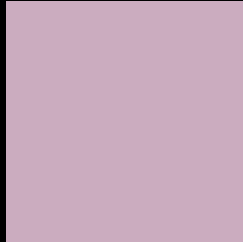
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 45.9631, 0.3245, 0.3057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.9631, 0.3245, 0.3057

Background



This preview shows how black text looks on a background with the Yxy color 45.9631, 0.3245, 0.3057.



This preview shows how white text looks on a background with the Yxy color 45.9631, 0.3245, 0.3057.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

45.9631, 0.3245, 0.3057

Protanopia

46.3313, 0.3003, 0.3084

Deuteranopia

45.8470, 0.3171, 0.3102



Tritanopia

45.9889, 0.3278, 0.3130

Trichromacy



Original Color

45.9631, 0.3245, 0.3057

Protanomaly

46.0307, 0.3086, 0.3074

Deuteranomaly

45.8601, 0.3198, 0.3091

Tritanomaly

46.0745, 0.3261, 0.3105

Monochromacy



Original Color

45.9631, 0.3245, 0.3057

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.7325, 0.3166, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.9631, 0.3245, 0.3057 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(203, 172, 191)` looks like.

```
.text, #text, p{  
    color:rgb(203, 172, 191)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(203, 172, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 172, 191) }
```

Border

The CSS property to change the border of an element to Yxy 45.9631, 0.3245, 0.3057 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(203, 172, 191) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(203, 172, 191) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(203, 172, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 172, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 172, 191);  
box-shadow:4px 4px 4px 4px rgb(203, 172,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 45.9631, 0.3245, 0.3057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 172, 191) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(203,  
172, 191) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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